

1 / 12

Lc743	M	N	F	N	V	S	L	M	E	K	L	K	W	K	I	K	C	I	E	N	20
RM8con	
1	-----+60																				
Lc743	ATGAAATTCAACGTTAGTTGATGGAGAAATTAAATGGAAGATTAAATGCATTGAAAAT																				
RM8A	.....Lc743/5'.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
Lc743	K	F	L	N	Y	R	L	T	T	N	E	T	V	V	A	E	T	E	Y	G	40
RM8con	
61	-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+120																				
Lc743	AAGTTTTAAACTATCGTTAACTACCAATGAAACGGTGGTAGCTGAAACTGAATATGGC																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
Lc743	K	V	K	G	V	K	R	L	T	V	Y	D	D	S	Y	Y	S	F	E	G	60
RM8con	
121	-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+180																				
Lc743	AAAGTGAAAGGCGTTAACGTTAACTGTGTACGATGATTCCCTACTACAGTTTGAGGGT																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
Lc743	I	P	Y	A	Q	P	P	V	G	E	L	R	F	K	A	P	Q	R	P	T	80
RM8con	
181	-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+240																				
Lc743	ATACCGTACGCCAACCGCCAGTGGGTGAGATTAAAGCACCCAGCGACCAACA																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
Lc743	P	W	D	G	V	R	D	C	C	N	H	K	D	K	S	V	Q	V	D	F	100
RM8con	
241	-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+300																				
Lc743	CCCTGGGATGGTGTGCGTGATTGTTGCAATCATAAAGATAAGTCAGTGCAAGTTGATT																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			

FIGURE 1

2 / 12

Figure 1 continued

3/12

Lc743	N	C	A	N	F	G	G	N	P	D	N	I	T	V	F	G	E	S	A	G	220
RM8con
601	660
Lc743	AATTGCGCCAACCTTGTTGGCAATCCCGATAATATTACAGTCTTGTTGGTAAAGTGCCGGT																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
 Lc743	A	A	S	T	H	Y	M	M	L	T	E	Q	T	R	G	L	F	H	R	G	240
RM8con
661	720
Lc743	GCTGCCTCTACCCACTACATGATGTTAACCGAACAAACTCGGGTCTTTCCATCGTGGT																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
 Lc743	I	L	M	S	G	N	A	I	C	P	W	A	N	T	Q	C	Q	H	R	A	260
RM8con	L
721	780
Lc743	ATACTAATGTCGGGTAATGCTATTTGTCCATGGGCTAATACCCAAATGTCAACATCGTGGC																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
 Lc743	F	T	L	A	K	L	A	G	Y	K	G	E	D	N	D	K	D	V	L	E	280
RM8con
781	840
Lc743	TTCACCTTAGCCAAATTGGCCGGCTATAAGGGTGAGGATAATGATAAGGATGTTTGGAA																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
 Lc743	F	L	M	K	A	K	P	Q	D	L	I	K	L	E	E	K	V	L	T	L	300
RM8con
841	900
Lc743	TTTCTTATGAAAGCCAAGCCACAGGATTAAATAAAACTTGAGGAAAAAGTTTAACTCTA																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			

Figure 1 continued

Lc743	E	E	R	T	N	K	V	M	F	P	F	G	P	T	V	E	P	Y	Q	T	320
RM8con
901	960
Lc743	GAAGAGCGTACAAATAAGGTATGTTCCCTTGGTCCCAGTGTGAGCCATATCAGACC																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
Lc743	A	D	C	V	L	P	K	H	P	R	E	M	V	K	T	A	W	G	N	S	340
RM8con
961	1020
Lc743	GCTGATTGTGTCTTACCCAAACATCCTCGGGAAATGGTTAAAAGTGTCTGGGTAATTG																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
Lc743	I	P	T	M	M	G	N	T	S	Y	E	G	L	F	F	T	S	I	L	K	360
RM8con
1021	1080
Lc743	ATACCCACTATGATGGGTAACACTTCATATGAGGGCTATTTTCAATTCTTAAG																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
Lc743	Q	M	P	M	L	V	K	E	L	E	T	C	V	N	F	V	P	S	E	L	380
RM8con
1081	1140
Lc743	CAAATGCCTATGCTTGTAAAGGAATTGAAACTTGTGTCAATTGTGCCAAGTGAATTG																				
RM8A	.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			
Lc743	A	D	A	E	R	T	A	P	E	T	L	E	M	G	A	K	I	K	K	A	400
RM8con
1141	1200
Lc743	GCTGATGCTGAACGCACCGCCCCAGAGACCTTGGAAATGGGTGCTAAAATAAAAAGGCT																				
RM8A	.....T.....																			
RM8B	.....																			
RM8C	.....																			
RM8con	.....																			

Figure 1 continued

5/12

Lc743	H	V	T	G	E	T	P	T	A	D	N	F	M	D	L	C	S	H	I	Y	420
RM8con
1201	+1260
Lc743	CATGTTACAGGAGAACACCAACAGCTGATAATTTATGGATCTTGCTCACATCTAT																				
RM8A	
RM8B	
RM8C	
RM8con	
 Lc743	F	W	F	P	M	H	R	L	L	Q	L	R	F	N	H	T	S	G	T	P	440
RM8con	
1261	+1320
Lc743	TTCTGGTTCCCCATGCATCGTTGTTGCAATTACGTTCAATCACACCTCCGGTACACCC																				
RM8A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RM8B	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RM8C	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RM8con	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
 Lc743	V	Y	L	Y	R	F	D	F	D	S	E	D	L	I	N	P	Y	R	I	M	460
RM8con	
1321	+1380
Lc743	GTCTACTTGTATCGCTTCGACTTGTGATTCTCGGAAGATCTTATTAAATCCCTATCGTATTATG																				
RM8A	.	.	.	.	.	.	.	.	.	C.	.	.	.	.	C.	.	.	.	.
RM8B	.	.	.	.	.	.	.	.	.	C.	.	.	.	.	C.	.	.	.	.
RM8C	.	.	.	.	.	.	.	.	.	C.	.	.	.	.	C.	.	.	.	.
RM8con	.	.	.	.	.	.	.	.	.	C.	.	.	.	.	C.	.	.	.	.
 Lc743	R	S	G	R	G	V	K	G	V	S	H	A	D	E	L	T	Y	F	F	W	480
RM8con	
1381	+1440
Lc743	CGTAGTGGACGTGGTGTAAAGGGTGTAGTCATGCTGATGAATTACCTATTCTCTGG																				
RM8A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RM8B	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RM8C	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RM8con	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
 Lc743	N	Q	L	A	K	R	M	P	K	E	S	R	E	Y	K	T	I	E	R	M	500
RM8con	
1441	+1500
Lc743	AATCAATTGGCCAAACGTATGCCCTAAAGAATCGCGTGAATACAAAACAATTGAACGTATG																				
RM8A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RM8B	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RM8C	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RM8con	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Figure 1 continued

6/12

Lc743	T	G	I	W	I	Q	F	A	T	T	G	N	P	Y	S	N	E	I	E	G	520
RM8con	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1501	-----+1560																				
Lc743	ACTGGTATATGGATACAATTGCCACCACTGGTAATCCTTATAGCAATGAAATTGAAGGT																				
RM8A	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RM8B	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RM8C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RM8con	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
 Lc743	M	E	N	V	S	W	D	P	I	K	K	S	D	E	V	Y	K	C	L	N	540
RM8con	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1561	-----+1620																				
Lc743	ATGGAAAATGTTCTGGGATCCAATTAAGAAATCCGACGAAGTATAAGTGTGTTGAAT																				
RM8A	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RM8B	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RM8C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RM8con	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
 Lc743	I	S	D	E	L	K	M	I	D	V	P	E	M	D	K	I	K	Q	W	E	560
RM8con	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1621	-----+1680																				
Lc743	ATTAGTGACGAATTGAAAATGATTGATGTGCCTGAAATGGATAAGATTAAACAATGGAA																				
RM8A	.....	T	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G
RM8B	.....	T	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G
RM8C	.....	T	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G
RM8con	.....	T	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G
 Lc743	S	M	F	E	K	H	R	D	L	F	*	570									
RM8con	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1681	-----+1713																				
Lc743	TCGATGTTGAAAAACATAGAGATTATTTAG																				
RM8A	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Lc743/3'
RM8B	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.
RM8C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.
RM8con	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.

Figure 1 continued

7/12

Figure 2.

Md α E7 1 MTFLKQFIFRLKLCVKCMVNKYTNYRLSTNETQIIDTEYGQIKGVKRMTV 50
 | . | : : || : : || : || | . || | : : || | . : || | : : || |
 Lc α E7 1 MNFNVSLMEKLKWKIKCIENKFLNYRLTTNETVVAETEYGKVKGVKRMTV 50

51 YDDSYYSFESIPYAKPPVGEFLRFKAPQRPVWEGVRDCCGPANRSVQTDF 100
 || | | | : || | . || | | | | | | . || : || | . . : || | . ||
 51 YDDSYYSFEGIPYAQPPVGEFLRFKAPQRPTPWDGVRDCCNHKDKSVQVDF 100

101 ISGKPTGSEDCLYLNVYTNDLNPDKRRPVMVFIHGGDFIFGEANRNWFGP 150
 | . | | . | | | | . | | | : | | | : | | | : | | | : | . : | |
 101 ITGKVCVGSEDCLYLSVYTNNLNPETKRPVLVYIHGGFIIGENHRDMYGP 150

151 DYFMKKPVVLVTQYRLGVLGFLSLKSENLNVPGNAGLKDVQVMAWRWVKS 200
 | | | : | | | : | | | | . | | | | | | | | | | | | | | | : | .
 151 DYFIKKDVVLINIQYRLGALGFLSNSEDLNVPGNAGLKDVQVMAWRWIKN 200

201 NIAIFGGDVNDNITVFGESAGGASTHYMMITEQTRGLFHRGIMMSGNSMCS 250
 | . | | | : | | | | : | | | | : | | | | | | | | | | | | : | .
 201 NCANFGGNPDNITVFGESAGAASTHYMMITEQTRGLFHRGILMSGNAICP 250

251 WASTECQSRALTMAKRVGYKGEDNEKDILEFLMKANPYDLIKEPQLTP 300
 | . | : | | | : | | . | | | | | : | | | | | | | | | | | | | . | |
 251 WANTQCQHRAFTLAFLAGYKGEDNDKDVLFLMKAKPQDLIKEEKVTL 300

301 ERMQNKMFPFGPTVEPYQTADCVVPKPIREMVKSAWGNISIPTLIGHTSY 350
 | . | | | | | | | | | | | : | | . | | | | | | | | | | | | | : | | |
 301 EERTNKVMFPFGPTVEPYQTADCVLKHPREMVKTAWGNISIPTMMGNTSY 350

351 EGLLSKSVAKQYYPEVVKELESCVNYVPWEADSERSAPETLERAIVKKA 400
 | | | : | | | : | | | | : | | | | | | | | | | | | | | | | | | | : | | |
 351 EGLFFTSILKQMPMLVKELETCVNFVPSLADAERTAPETLEMGAKIKKA 400

401 HVDGETPTLDNFMLECSYFYFLFPMPHRLQLRFNHTAGTPYIYLYRFDfds 450
 | | | | | | | : | | | | : | | | | | | | | | | | | | | | | | | | | | | |
 401 HVTGETPTADNFMDLCSHIYFWFPMPHRLQLRFNHTSGTPVYLYRFDfds 450

451 EEEINPYRIMRGGRVKGVSHADELTYLFWNILSKRLPKESREYKTIERM 500
 | : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 451 EDLINPYRIMRSRGVKGVSHADELTYFFWNQLAKRMPKESREYKTIERM 500

501 VGIWTEFATTGKPYNSNDIAGMENLTWDPPIKKSDDVYKCLNIGDELKVML 550
 | | | . : | | | | : | | | | : | | | | | | | | | | | | | | | | | | | : | |
 501 TGIWIQFATTGNPYSNEIEGMENVSWDPIKKSDEVYKCLNISDELKMDV 550

551 PEMDKIKQGASIFDKKKELF 570
 | | | | | | . | : | : | . : | |
 551 PEMDKIKQWESMFKEHRDLF 570

8/12

Figure 3.

ATGACTTTCTGAAGCAATTCAATTGCGCTGAAACTATGCTTAAATGCATGGTCAAT
 1 -----+-----+-----+-----+-----+-----+ 60
 TACTGAAAAGACTTCGTTAAGTATAAACGGACTTGTACGAAATTACGTACCAAGTTA

 M T F L K Q F I F R L K L C F K C M V N -

 AAATACACAAACTACCGTCTGAGTACAATGAAACCCAAATAATCGATACTGAATATGGA
 61 -----+-----+-----+-----+-----+-----+ 120
 TTTATGTGTTGATGGCAGACTCATGTTACTTGGGTTATTAGCTATGACTTACCT

 K Y T N Y R L S T N E T Q I I D T E Y G -

 CAAATTAAGGGTGTAAAGCGAATGACCGTCTACGATGATTCTACTACAGTTGAGAGT
 121 -----+-----+-----+-----+-----+-----+ 180
 GTTTAATTCCCACAATTGCTTACTGGCAGATGCTACTAAGAATGATGTCAAAGCTCTCA

 Q I K G V K R M T V Y D D S Y Y S F E S -

 ATACCCTATGCTAACGCCTCCAGTGGGTGAGTTGAGATTCAAGGCACCCCAGCGGCCTGTA
 181 -----+-----+-----+-----+-----+-----+ 240
 TATGGGATACGATTGGAGGTACCCACTCAACTCTAACGTTCCGTGGGTGCCGGACAT

 I P Y A K P P V G E L R F K A P Q R P V -

 CCATGGGAGGGTGTACGTGATTGCTGTGGGCCAGCCAACAGATCGGTACAGACAGATTTC
 241 -----+-----+-----+-----+-----+-----+ 300
 GGTACCCCTCCCACATGCACTAACGACACCCGGTCGGTTGTCTAGCCATGTCTAAAG

 P W E G V R D C C G P A N R S V Q T D F -

 ATAAGTGGCAAACCCACAGGTTGGAGGATTGTCTACCTGAATGTGTACCAATGAC
 301 -----+-----+-----+-----+-----+-----+ 360
 TATTACCGTTGGGTGTCCAAGCCTCTAACAGATATGGACTTACACATATGGTTACTG

 I S G K P T G S E D C L Y L N V Y T N D -

 TTGAACCCAGACAAAAGCGTCTGTTATGGTTTCATCCATGGCGGAGATTTATTTTC
 361 -----+-----+-----+-----+-----+-----+ 420
 AACTTGGGTCTGTTCCGCAGGACAATACCAAAAGTAGGTACCGCCTCTAAAATAAAAG

 L N P D K R R P V M V F I H G G D F I F -

 GGCGAAGCAAATCGTAACTGGTTGGTCCCAGTACTTATGAAGAAACCCGTGGCTTG
 421 -----+-----+-----+-----+-----+-----+ 480
 CCGCTTCGTTAGCATTGACCAAACCAAGGGCTGATGAAATACTTCTTGGGCACCAAC

 G E A N R N W F G P D Y F M K K P V V L -

9/12

481 GTAACCGTGCAATATCGTTGGGTGTGGGTTCCCTAGCCTGAAATCGGAAAATCTC
 481 -----+-----+-----+-----+-----+-----+ 540
 481 CATTGGCACGTTATAGCAAACCCACACAACCCAAAGGAATCGGACTTAGCCTTTAGAG

 V T V Q Y R L G V L G F L S L K S E N L -

 541 AATGTCCCCGGCAACGCTGGCCTCAAGGATCAAGTAATGGCCTTGAGATGGTCAAGAGT
 541 -----+-----+-----+-----+-----+-----+ 600
 541 TTACAGGGGCCGTTGCGACCGGAGTTCTAGTTCAATTACCGGAACTCTACCCAGTTCTCA

 N V P G N A G L K D Q V M A L R W V K S -

 601 AATATTGCCATTTCGGTGGCGATGTAGACAATATTACCGTCTCGGCAGAAAGTGCTGGT
 601 -----+-----+-----+-----+-----+-----+-----+ 660
 601 TTATAACGGTAAAAGCCACCGCTACATCTGTTATAATGGCAGAACGCCGTTCACGACCA

 N I A I F G G D V D N I T V F G E S A G -

 661 GGGGCCTCAACCCATTACATGATGATAACCGAACAGACCCGTGGTTATTCCATCGTGGT
 661 -----+-----+-----+-----+-----+-----+-----+ 720
 661 CCCCGGAGTTGGTAATGTACTACTATTGGCTGTGGCACCAAATAAGGTAGCACCA

 G A S T H Y M M I T E Q T R G L F H R G -

 721 ATCATGATGTCCGGTAATTCCATGTGCTCATGGCCTCTACAGAACGAAATGCCAAAGTCGTGCG
 721 -----+-----+-----+-----+-----+-----+ 780
 721 TAGTACTACAGGCCATTAAGGTACACGAGTACCCGGAGATGTCTACGGTTCACGCACGC

 I M M S G N S M C S W A S T E C Q S R A -

 781 CTCACCATGGCAAACGTGTTGGCTATAAGGGAGAGGACAATGAAAAAGATATCCTGGAA
 781 -----+-----+-----+-----+-----+-----+ 840
 781 GAGTGGTACCGGTTTGACAACCGATATTCCCTCTCCTGTTACTTTCTATAGGACCTT

 L T M A K R V G Y K G E D N E K D I L E -

 841 TTCCATAATGAAAGCCAATCCCTATGATTGATCAAAGAGGGAGCCACAAGTTTGACACCC
 841 -----+-----+-----+-----+-----+-----+ 900
 841 AAGGATTACTTCGGTTAGGGATACTAAACTAGTTCTCCTCGGTGTTCAAAACTGTGGG

 F L M K A N P Y D L I K E E P Q V L T P -

 901 GAAAGAATGCAAATAAGGTCAATGTTCCCTTTGGACCCACTGTAGAACCATACCAAGACA
 901 -----+-----+-----+-----+-----+-----+ 960
 901 CTTTCTTACGTTTATTCCAGTACAAAGGAAACCTGGGTGACATCTGGTATGGTCTGT

 E R M Q N K V M F P F G P T V E P Y Q T -

 961 GCCGACTGTGTTACCCAAACCAATCAGAGAAATGGTGAAGAGGCCCTGGGAAATTGCG
 961 -----+-----+-----+-----+-----+-----+ 1020
 961 CGGCTGACACACCATGGGTTGGTAGTCTCTTACCACTCTCGCGAACCCCTTAAGC

 A D C V V P K P I R E M V K S A W G N S -

Figure 3 continued

SUBSTITUTE SHEET (RULE 26)

10/12

1021 ATACCCACATTGATAGGCAATACCTCCTACGAAGGTTGCTTCAAATCAATTGCCAAA
 TATGGGTGTAACTATCGTTATGGAGGATGCTTCAAACGAAAGGTTAGTTAACGGTT 1080
 I P T L I G N T S Y E G L L S K S I A K -
 CAATATCCGGAGGTTGTAAGAGTTGGAATCCTGTGTGAATTATGTGCCCTGGGAGTTG
 1081 GTTATAGGCCTCAACATTTCTCAACCTAGGACACACTTAATACACGGAAACCTAAC 1140
 Q Y P E V V K E L E S C V N Y V P W E L -
 GCTGACAGTGAACGCAGTGCCCCGGAAACCCCTGGAGAGGGCTGCCATTGTGAAAAAGGCC
 1141 CGACTGTCACTTGCGTCACGGGCCTTGGACCTCTCCGACGGTAACACTTTCCGG 1200
 A D S E R S A P E T L E R A A I V K K A -
 CATGTGGATGGGAAACACCTACTCTGGATAATTATGGAGCTTGCTCTATTCTAT
 1201 GTACACCTACCCCTTGTGGATGAGACCTATTAAAATACCTCGAAACGAGGATAAAGATA 1260
 H V D G E T P T L D N F M E L C S Y F Y -
 TTCCCTTCCCCATGCATCGCTTACAATTGCGCTCAACCACACAGCTGGCACTCCC
 1261 AAGGAGAAGGGTACGTAGCGAAGGATGTTAACCGCAAGTTGGTGTGCGACCGTGAGGG 1320
 F L F P M H R F L Q L R F N H T A G T P -
 ATTTATTTGTATCGTTGATTGATTCCGAAGAAATTATTAACCCCTATCGTATTATG
 1321 TAAATAAACATAGCAAAGCTAAAGCTAAGGCTTCTTAATAATTGGGATAGCATAATAC 1380
 I Y L Y R F D F D S E E I I N P Y R I M -
 CGTTTGGCCGTGGCGTTAAAGGTGTAAGCCATGCCGATGAGCTAACCTATCTCTGG
 1381 GCAAAACCGGCACCGCAATTCCACATTGGTACGGCTACTCGATTGGATAGAGAACCC 1440
 R F G R G V K G V S H A D E L T Y L F W -
 AACATTTGTCGAAACGCCTGCCAAAGGAAAGCCCGAATACAAACATTGAACGCATG
 1441 TTGTAAAACAGCTTGGACGGTTCTTCGGCGTTATGTTGGTAACCTGCGTAC 1500
 N I L S K R L P K E S R E Y K T I E R M -
 GTTGGCATTGGACGGAATTGCCACCAACGGCAAACCATACAGCAATGATAGCCGGC
 1501 CAACCGTAAACCTGCCTTAACCGGTGGTGGCCGTTGGTATGCGTTACTATACGGCCG 1560
 V G I W T E F A T T G K P Y S N D I A G -

Figure 3 continued

SUBSTITUTE SHEET (RULE 26)

11/12

ATGGAAAACCTCACCTGGGATCCCATAAAAAAATCCGATGATGTCTATAAATGTTAAAT
1561 -----+-----+-----+-----+-----+-----+-----+ 1620
TACCTTTGGAGTGGACCCTAGGGTATTTTTAGGCTACTACAGATATTACAAATTAA

M E N L T W D P I K K S D D D V Y K C L N -

ATCGGCGATGAATTGAAAGTTATGGATTGCCAGAAATGGATAAAATTAAACAATGGGCA
1621 -----+-----+-----+-----+-----+-----+ 1680
TAGCCGCTACTTAACCTTCAATACCTAAACGGTCTTACCTATTTAATTGTTACCCGT

I G D E L K V M D L P E M D K I K Q W A -

AGTATATTGATAAAAAGAAGGAATTGTTT
1681 -----+-----+-----+ 1710
TCATATAAGCTATTTCTTCCTTAACAAA

S I F D K K E L F

Figure 3 continued

Figure 4..

Md α E7	97	QTDFISGKPTGSEDCLYLNVTNDLNPDKKRPMVFIHGGGFIFGEANRN	146
	 : :.. : : : .. :	
Lc α E7	97	QVDFITGKVCVCGSEDCLYLSVYTNNLNPETKRPVLVYIHGGGFIIGENHRD	146
	147	WYGPDYFMKKPVVLTVQYRLGVLGFLSLKSENLNVPGNAGLKDVQV	196
		: . :.. . . : :	
	147	MYGPDYFIKKDVVLINIQYRLGALGFLSLSNEDLNVPGNAGLKDVQV	196
	197	WFKSNIAIFGGDVDNITVFGESAGGASTHYMMITEQTRGLFHRCIMMSGN	246
		: :	
	197	WIKNNCANFGGNNPDNITVFGESAGAASTHYMMLTEQTRGLFHRCIMMSGN	246
	247	SMCSSASTECQSRALTMAKRVGYKGEENEKDILEFLMKANPYDLIKEEPQ	296
	 : : : .. : : : : : : : : : : : : :	
	247	AICPLANTQCQHRAFTLAKLAGYKGEDNDKDVLFLMKAKPQDLIKLEEK	296
	297	VLTPERM 303	
		.	
	297	VLTLEER 303	